



Technology and the Future of Work

Presented by Dell

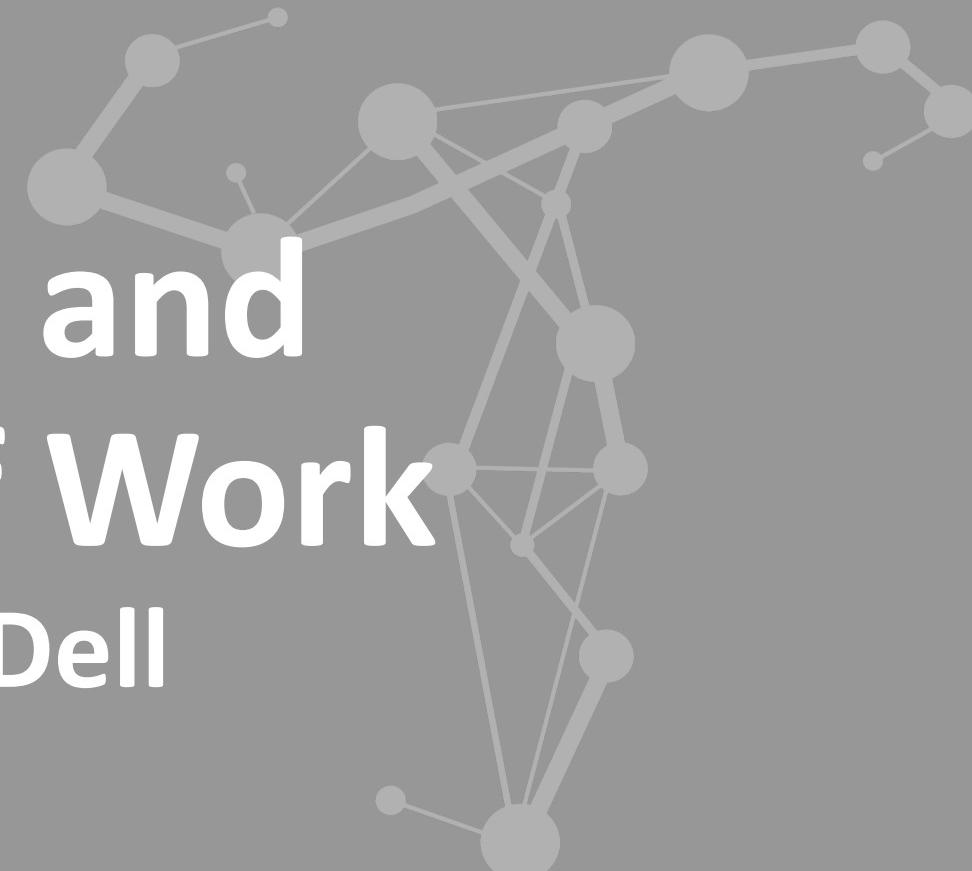
Opening Remarks

Matt Stroud

CEO and Executive Editor –
Postindustrial Media

Cris Turner

VP & Head of Office, Americas
Government Affairs - Dell

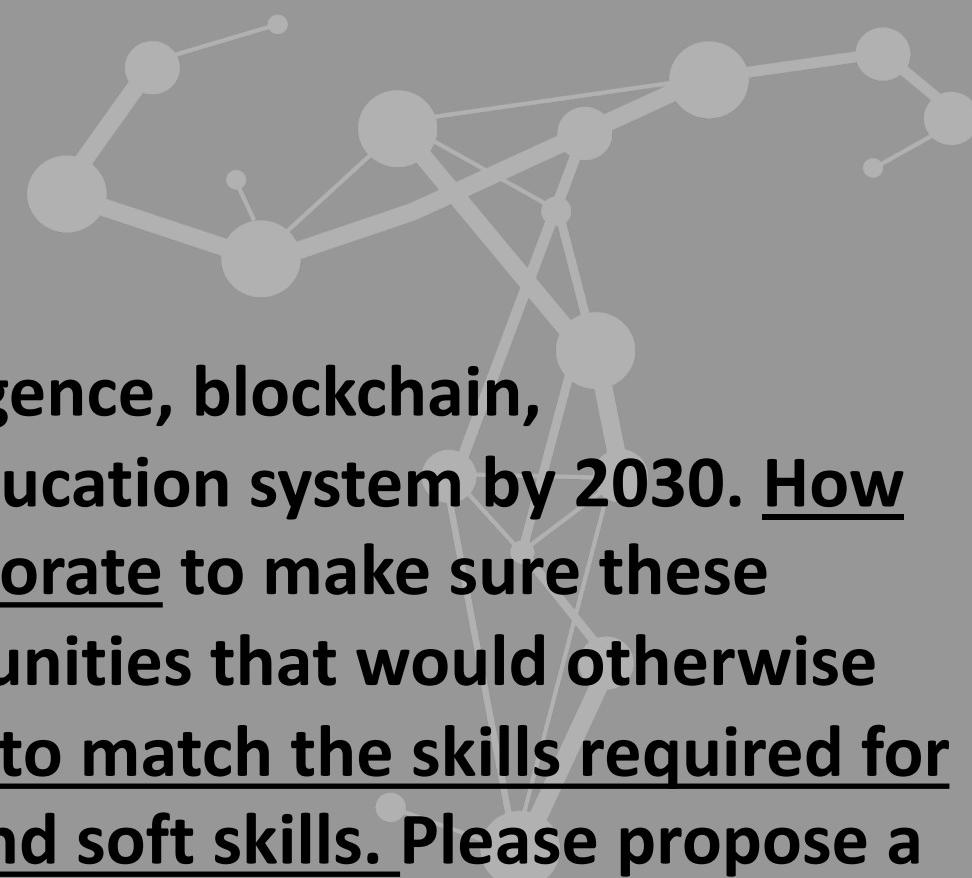


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Team One: Education



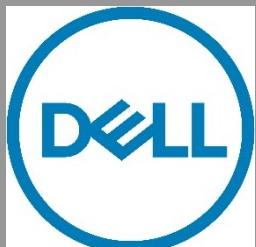
Emerging technologies such as artificial intelligence, blockchain, cryptocurrency and 5G/6G will reshape our education system by 2030. How can governments and the private sector collaborate to make sure these technologies provide greater access to opportunities that would otherwise be unavailable? Education will need to evolve to match the skills required for newly emerging jobs, include digital literacy and soft skills. Please propose a solution to help technology level the playing field in education.



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What's the Problem?

- Unfulfilled jobs in emerging technologies
- Unpredictable future of technology
- Workers lack technological skills
- Opportunity for learning is limited
- Ethical/social acceptance of new tech



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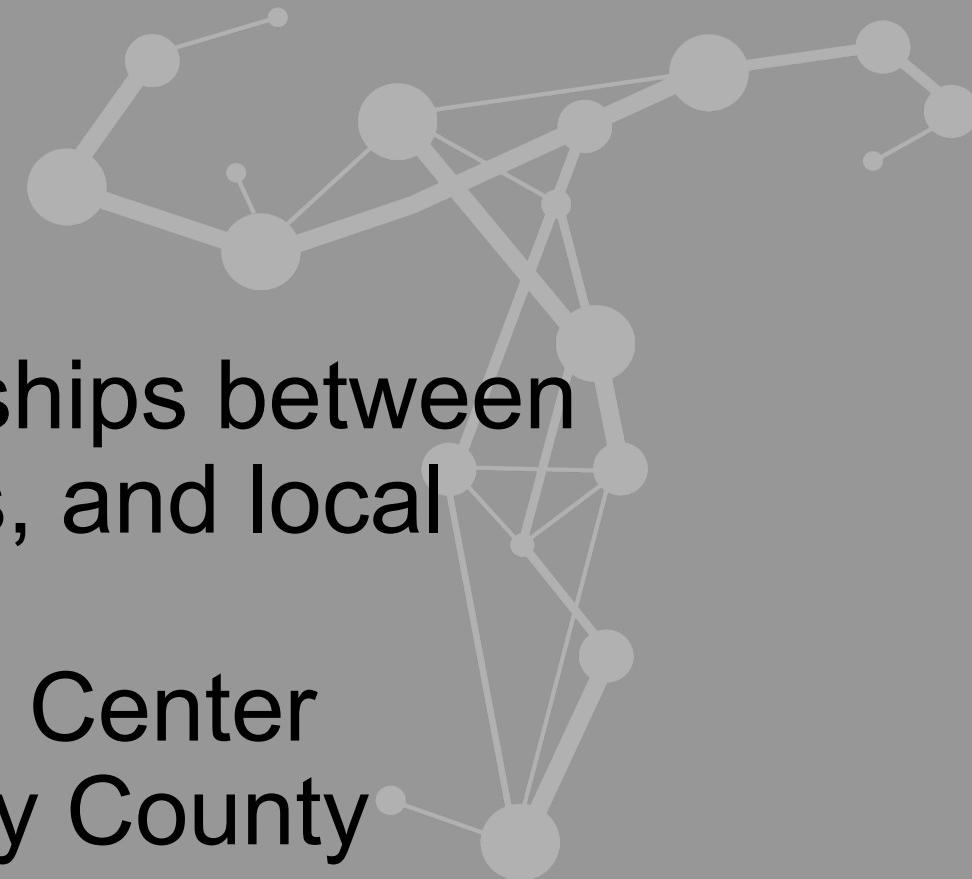
Our Solution

- Database of skills required by companies
- Companies work with local government and community college to pool funds
- Implement certification which guarantees a job with these companies
- Community college, local area, students, and local government all benefit

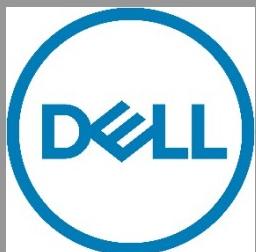


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How will this be adopted?



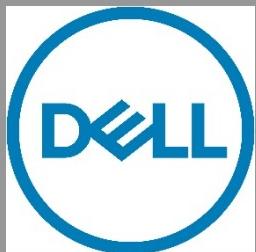
- Establish public-private partnerships between companies, community colleges, and local governments.
- Pittsburgh Corporate Innovation Center
- Community College of Alleghany County



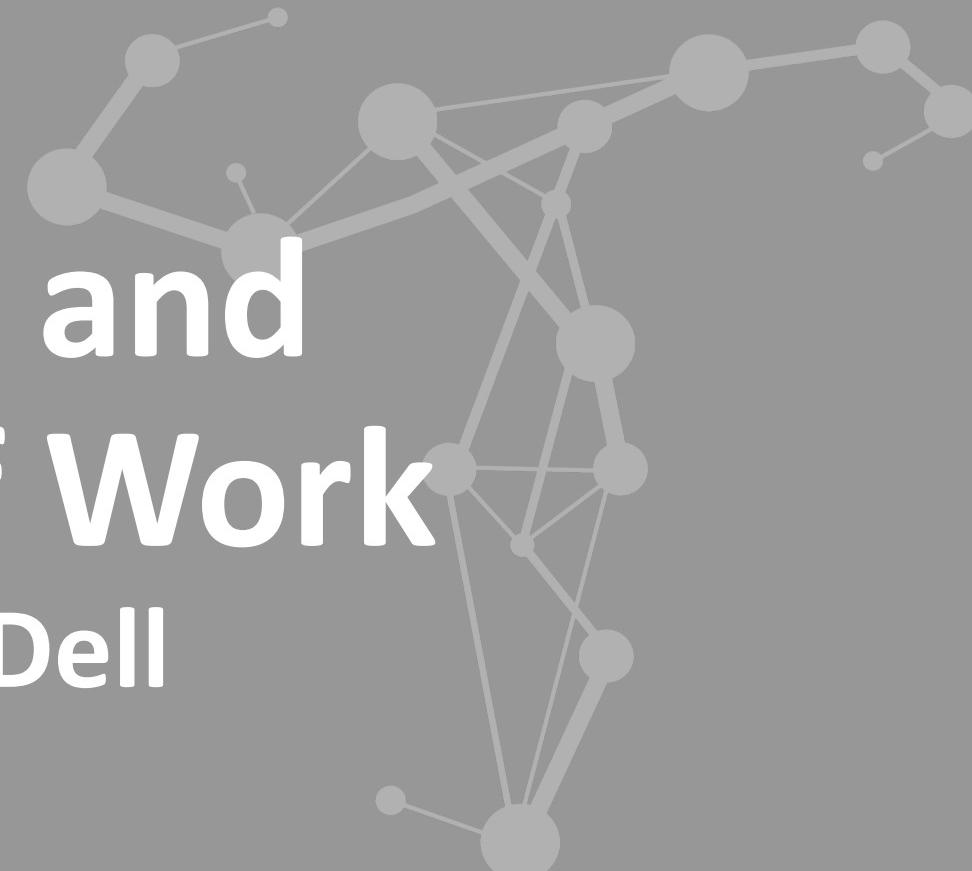
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How does this solution scale?

- Scale this program out of Pittsburgh city government to other similar-sized cities
- Share best-practices between different implementations of this program



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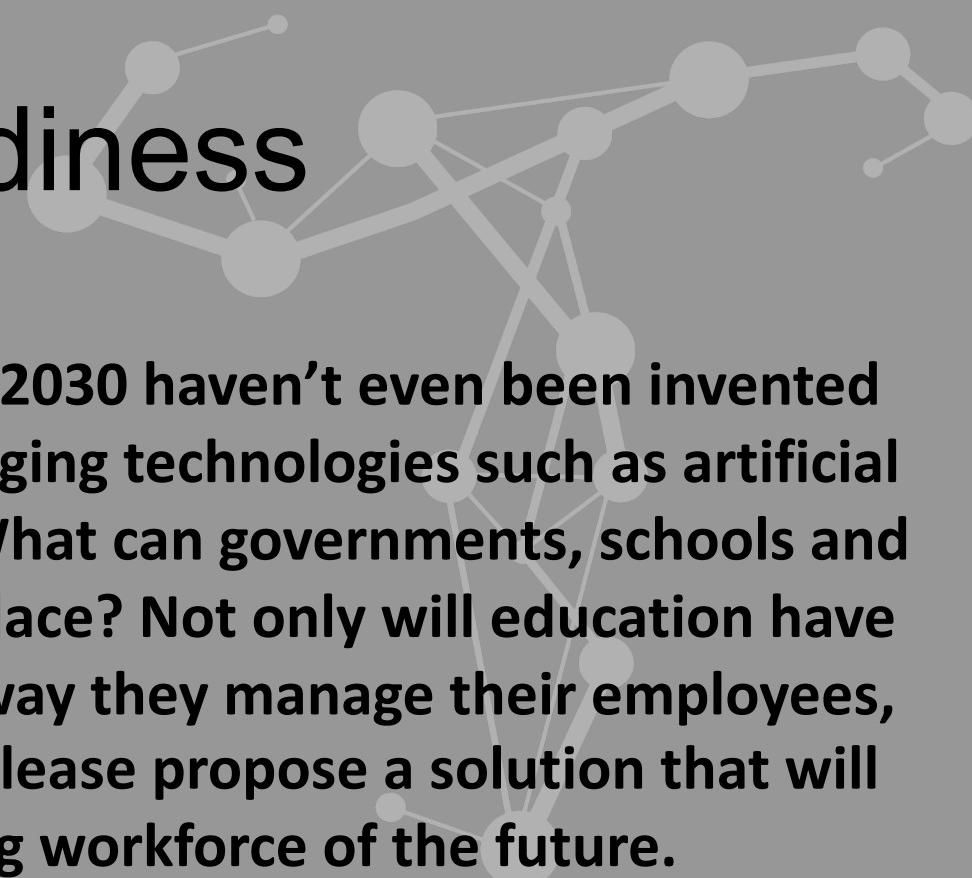


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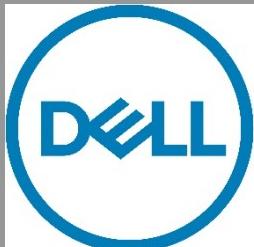
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Team Two: Workforce Readiness



Futurists predict that 85% of the jobs that will exist in 2030 haven't even been invented yet. The job market will be transformed through emerging technologies such as artificial intelligence, blockchain, cryptocurrency and 5G/6G. What can governments, schools and businesses do to prepare for this change in the workplace? Not only will education have to advance, but workplaces will have to change they way they manage their employees, recruit and retain talent and reskill existing workers. Please propose a solution that will help the workplace mitigate challenges in the changing workforce of the future.



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Team Two: Workforce Readiness

What is the Goal?

Retain & Retrain

- Mandate Cause for Termination
- Tax-Credits for Ongoing Training

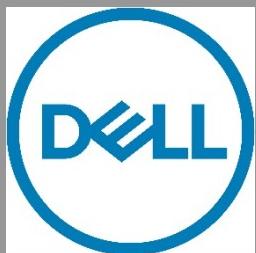


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Team Two: Workforce Readiness

How is this novel or different?

We don't currently do it



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Team Two: Workforce Readiness

How will this be adopted?

We introduce both as policies at the same time, in order to get adoption for both. One mitigates harm for the public, while the other mitigates harm to business.

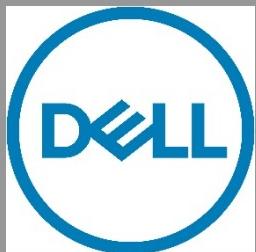


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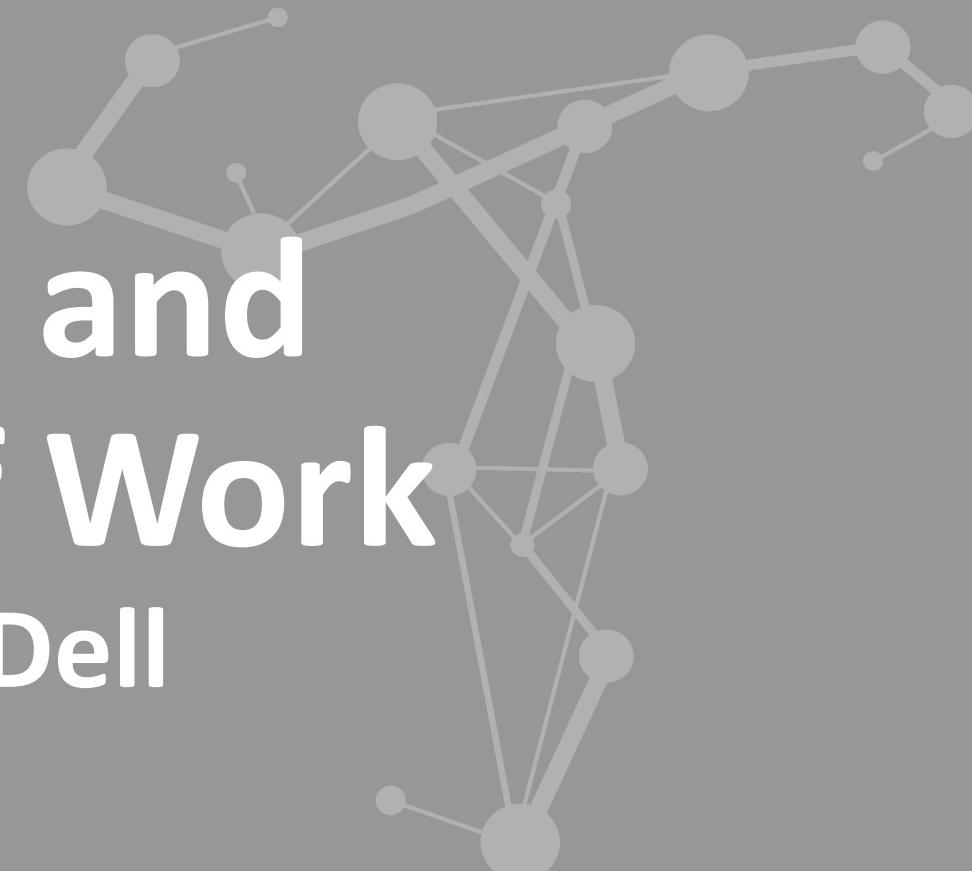
Team Two: Workforce Readiness

How does this solution scale?

State legislation to federal legislation.



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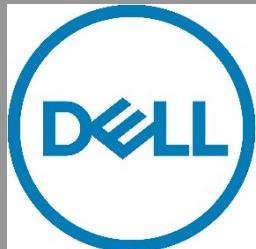
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Team Five: Sustainability

Emerging technologies such as artificial intelligence, blockchain, cryptocurrency and 5G/6G have the power to create more sustainable communities. What can governments and businesses do to make sure that the green transition is equitable? How can these technologies be leveraged to continually promote greener cities and neighborhoods? How can cities utilize these technologies to meet their sustainability goals? Please propose a solution to help ensure everyone has access to cleaner energy.



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Team Five: Sustainability

- Road Map To Sustainability



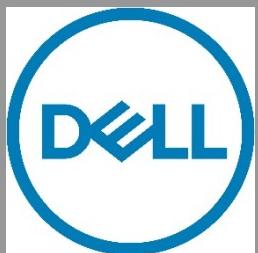
The conversation around equity and sustainability has to be the same conversation. The future of our communities and the future of our planet are irrevocably tied together!



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Team Five: Sustainability

It's not, and that is okay!



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Team Five: Sustainability

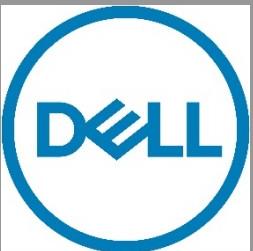
- Consulting
- Community-based agreements
- Mentorship programs
- Green Energy incentives



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Team Five: Sustainability

- Road maps are inherently scalable!



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Future of Work Discussion

Matt Stroud

CEO and Executive
Editor – Postindustrial

Cris Turner

VP & Head of Office - Americas
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Bill Peduto

Mayor - City of
Pittsburgh

Noopur Davis

Chief Product and Information
Security Officer - Comcast

Lenore Blum

Emeritus Distinguished Career
Professor of Computer Science -
Carnegie Mellon University



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Hackathon Winner Announcement



thrival

INNOVATION + MUSIC FESTIVAL

Thank You

From Thrival



Tonight at 7pm

Carnegie Museum of Art